

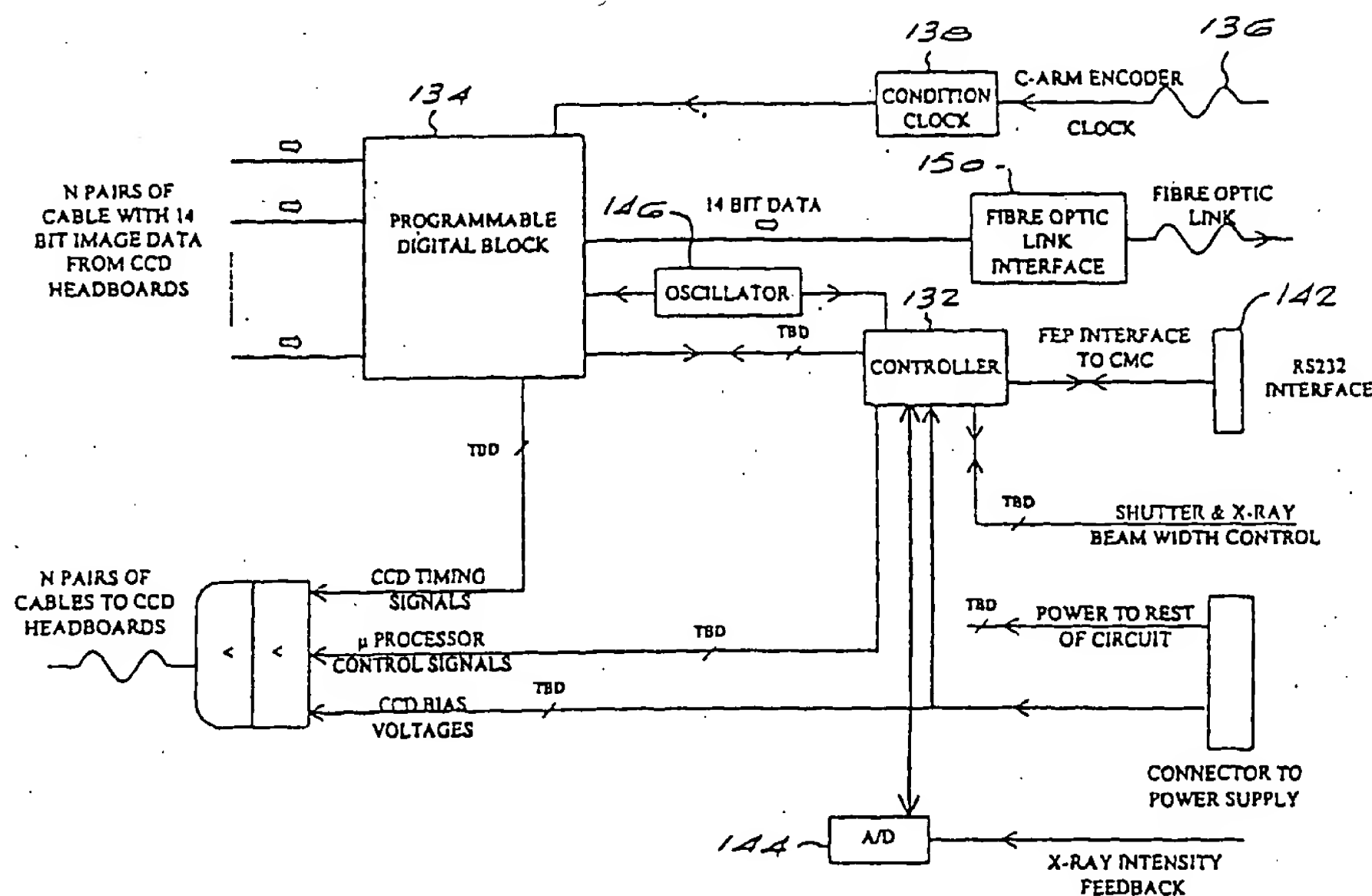
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(21) International Application Number: PCT/IB00/00256 (22) International Filing Date: 10 March 2000 (10.03.00) (30) Priority Data: 99/1927 10 March 1999 (10.03.99) ZA (71) Applicant (for all designated States except US): DEBEX (PROPRIETARY) LIMITED [ZA/ZA]; Corner of Crownwood and Booyens Reserve Road, 2092 Crown Mines (ZA). (72) Inventors; and (75) Inventors/Applicants (for US only): BOOYSEN, Andre [ZA/ZA]; 40 Janet Street, Florida, 1724 Roodepoort (ZA). POTGIETER, Johannes, Hermanus [ZA/ZA]; Plot 1, Treesbank Agricultural Holdings, 1685 Midrand (ZA). VAN LOOY, Paul [ZA/ZA]; 8 Arend Avenue, Windsor Glen, 2194 Randburg (ZA). SOUSA, Carlos, Manuel, De Seabra [ZA/ZA]; 36 Gorst Avenue, 1401 Primrose (ZA). VERMEULEN, Andries, Gerhardus, Johannes [ZA/ZA]; 60 Vungu Place, 0044 Moreletapark (ZA). (74) Agents: DE VILLIERS, Christopher, Murray et al.; Spoor and Fisher, Rochester Place, 173 Rivonia Road, Morningside, Sandton, P.O. Box 41312, 2024 Craighall (ZA).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.

(54) Title: IMAGING APPARATUS



(57) Abstract

X-ray imaging apparatus is provided for generating a composite image of a subject by moving a radiation source (12) and a camera array (122) relative to the subject. A drive mechanism (22) generates clock signals which are used to synchronise the operation of the camera array with the movement thereof, and the composite image data which is generated is stored for display and further signal processing. Control means move the radiation source (12) and the camera array (122) according to the intensity of the imaging beam.